



INFORMATION DISCLOSURE CITATION

OMB No. 0651-0011

Atty. Docket No.	1413.0009-00	Appln. No.	09/410,367	RECEIVED APR 05 2002 Technology Center 2600
Applicant	Jeffrey D. SAFFER et al.			
Filing Date	September 30, 1999	Group:	2621 2623	

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
MD	5,047,842	September 1991	Bouman, Jr. et al.	358	715 515	
MD	5,121,337	June 1992	Brown	384 702	498 28	
MD	5,325,298	June 1994	Gallant	354 704	118 59	
MD	5,361,326	November 1994	Aparicio, IV et al.	395 706	24 44	
MD	5,446,681	August 1995	Gethner et al.	384 702	554 27	
MD	5,506,937	April 1996	Ford et al.	295 706	82 11	
MD	5,528,735	June 1996	Strasnick et al.	295 345	121 427	
MD	5,546,472	August 1996	Levin	382	131	
MD	5,555,354	September 1996	Strasnick et al.	385 345	221 427	
MD	5,592,599	January 1997	Lindholm	345	427	
MD	5,619,709	April 1997	Caid et al.	295 707	494 532	
MD	5,623,679	April 1997	Rivette et al.	385 707	413 526	
MD	5,623,681	April 1997	Rivette et al.	385 707	288 522	
MD	5,625,767	April 1997	Bartell et al.	395 345	140 440	
MD	5,659,766	August 1997	Saund et al.	395 704	259 9	
MD	5,671,381	September 1997	Strasnick et al.	395 345	386 848	
MD	5,675,788	October 1997	Husick et al.	295 707	815 104.1	
MD	5,687,364	November 1997	Saund et al.	295 704	806 5	
MD	5,692,107	November 1997	Simoudis et al.	395 706	56 12	
MD	5,696,963	December 1997	Ahn	385 707	605 5	
MD	5,721,903	February 1998	Anand et al.	395 707	805 5	
MD	5,721,912	February 1998	Stepczyk et al.	295 707	813 102	
MD	5,732,260	March 1998	Nomiyama	395 707	805 5	
MD	5,737,591	April 1998	Kaplan et al.	395 707	801 1	
MD	5,751,612	May 1998	Donovan et al.	384 703	519 6	
MD	5,767,854	June 1998	Anwar	345	258 848	
MD	5,784,544	July 1998	Stevens	395 358	141 1.13	



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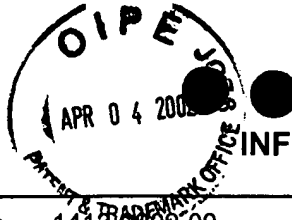
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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
MD	5,787,274	July 1998	Agrawal et al.	295 707	815 102	
MD	5,794,178	August 1998	Caid et al.	704	9	
MD	5,819,258	October 1998	Vaithyanathan et al.	707	2	
MD	5,838,973	November 1998	Carpenter-Smith et al.	295 717	815 105	
MD	5,842,206	November 1998	Sotomayor	707	5	
MD	5,857,179	January 1999	Vaithyanathan et al.	707	2	
MD	5,857,185	January 1999	Yamaura	707	5	
MD	5,861,891	January 1999	Becker	345	435 619	
MD	5,864,863	January 1999	Burrows	707	103 R	
MD	5,873,076	February 1999	Barr et al.	707	3	
MD	5,907,838	May 1999	Miyasaka et al.	707	4	
MD	5,913,214	June 1999	Madnick et al.	707	10	
MD	5,918,010	June 1999	Appleman et al.	395 709	455 52	203
MD	5,926,806	July 1999	Marshall et al.	707	3	
MD	5,926,820	July 1999	Agrawal et al.	707	200	
MD	5,930,784	July 1999	Hendrickson	707	2	
MD	5,930,803	July 1999	Becker et al.	707	104 .1	
MD	5,945,982	August 1999	Higashio et al.	345 707	295 3	
MD	5,953,716	September 1999	Madnick et al.	707	4	
MD	5,963,965	October 1999	Vogel	707	501 .1	
MD	5,966,139	October 1999	Anupam et al.	345	440	
MD	5,982,370	November 1999	Kamper	345	295 760	
MD	5,986,652	November 1999	Medl et al.	345	295 712	
MD	5,986,673	November 1999	Martz	345	455 649	
MD	5,987,470	November 1999	Meyers et al.	707	102	
MD	5,991,714	November 1999	Shaner	704	9	
MD	5,999,192	December 1999	Selfridge et al.	345	440	



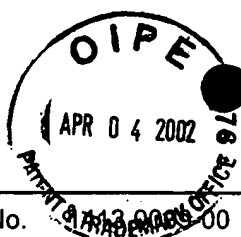
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U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
MD	5,999,937	December 1999	Ellard	707	101	
MD	6,012,053	January 2000	Pant et al.	707	3	
MD	6,014,661	January 2000	Ahlberg et al.	707	3	
MD	6,023,694	February 2000	Kouchi et al.	707	2	
MD	6,026,409	February 2000	Blumenthal	707	104.1	
MD	6,029,176	February 2000	Cannon	707	104.1	
MD	6,032,157	February 2000	Tamano et al.	707	104.1	
MD	6,034,697	March 2000	Becker	345	159 606	
MD	6,035,057	March 2000	Hoffman	382	159	
MD	6,038,538	March 2000	Agrawal et al.	705	7	
MD	6,038,561	March 2000	Snyder et al.	707	6	
MD	6,044,366	March 2000	Graffe et al.	707	2	
MD	6,049,806	April 2000	Crecine	707	200	
MD	6,058,391	May 2000	Gardner	707	4	
MD	6,067,542	May 2000	Carino, Jr.	707	4	
MD	6,073,115	June 2000	Marshall	705	35	
MD	6,073,138	June 2000	de l'Etraz et al.	707	104.1	
MD	6,078,314	June 2000	Ahn	345	169	
MD	6,078,914	June 2000	Redfern	707	3	
MD	6,081,788	June 2000	Appleman et al.	705	14	
MD	6,081,802	June 2000	Atherton et al.	707	3	
MD	6,085,190	July 2000	Sakata	707	6	
MD	6,088,032	July 2000	Mackinlay	345	345 848	
MD	6,092,061	July 2000	Choy	707	1	
MD	6,094,648	July 2000	Aalbersberg	707	3	
MD	6,094,649	July 2000	Bowen et al.	707	3	
MD	6,098,065	August 2000	Skillen et al.	707	3	



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Technology Center 2600

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
MD	6,100,901	August 2000	Mohda et al.	345	440	
MD	6,101,493	August 2000	Marshall et al.	707	3	
MD	6,108,004	August 2000	Medl	345	258 804	
MD	6,108,651	August 2000	Guha	707	4	
MD	6,108,666	August 2000	Floratos et al.	707	104.1	
MD	6,111,578	August 2000	Tesler	345	258 850	
MD	6,112,194	August 2000	Bigus	706	11	
MD	6,112,209	August 2000	Gusack	707	101	
MD	6,121,969	September 2000	Jain et al.	345	258 850	
MD	6,122,636	September 2000	Malloy et al.	707	102	
MD	6,128,624	October 2000	Papierniak et al.	707	104.1	
MD	6,259,451	July 2001	Tesler	345	419	
MD	6,289,353	September 2001	Hazelhurst et al.	707	102	
MD	6,327,574	December 2001	Kramer et al.	705	14	

FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
MD 0 202 686 A2	November 1986	Europe	G06F	15/72	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MD	Cleveland, William S., <u>Visualizing Data</u> , Hobart Press, Summit, New Jersey, 1993; ISBN 0-9634884-0-6
MD	Nielson, Gregory M. et al., <u>Scientific Visualization</u> , IEEE Computer Society, 1997; ISBN 0-8186-7772-5
MD	Hobohm, Uwe et al., "A Sequence Property Approach to Searching Protein Databases", <u>Journal of Molecular Biology</u> , 1995, pp. 390-399

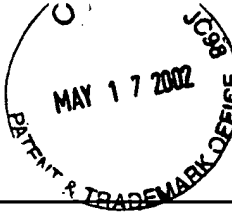


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Filing Date	September 30, 1999	Group:	2721	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
MD	van Heel, Martin, "A New Family of Powerful Multivariate Statistical Sequence Analysis Techniques", <u>Journal of Molecular Biology</u> , 1991, pp. 877-887
MD	Becker, Richard A. et al., "Brushing Scatterplots", <u>Technometrics</u> , May 1987, Vol. 29, No. 2, pp. 127-142
MD	Agrafiotis, Dimitris K., "A New Method for Analyzing Protein Sequence Relationships Based on Sammon Maps", <u>Protein Science</u> , vol. 6, 1997, pp. 287-293
MD	Eisen, Michael B. et al., "Cluster Analysis and Display of Genome-Wide Expression Patterns," <u>Proc. Nat'l. Acad. Sci., USA</u> , vol. 95, 1998, pp. 1483-1486
MD	"Silicon Graphics MineSet™, Supporting the Discovery Research Process," <u>MineSet for Discovery Research</u> , Spring 1999, pp 1-49
MD	"Spotfire Pro 4.0 - Speeding Discovery", visited at http://www.spotfire.com/of_2_1.htm on 6/17/99, 2 pages
MD	"Spotfire Pro -- Offerings -- Spotfire", visited at http://www.spotfire.com/of on 6/17/99, 2 pages
MD	"Discovery Innovation - Spotfire", visited at http://www.spotfire.com/di_1_1.htm on 6/17/99, 1 page
MD	"Discovery Innovation - Spotfire", visited at http://www.spotfire.com/di_1_1_4.htm on 6/17/99, 1 page
MD	"Downloads - Spotfire", visited at http://www.spotfire.com/download_00.htm#2.1.2 on 6/17/99, 1 page
MD	"Offerings - Spotfire", visited at http://www.spotfire.com/of_2_4.htm on 6/17/99, 1 page
MD	"Partners - Spotfire", visited at http://www.spotfire.com/pa_4_0.htm on 6/17/99, 2 pages
MD	"Partners - Spotfire", visited at http://www.spotfire.com/pa_4_2.htm on 6/17/99, 1 page
MD	"Cheminformatics Example", visited at http://www.parstek.com/chem/index.html on 4/15/99, 1 page
MD	"Cheminformatics Data Description", visited at http://www.parstek.com/chem/data.html on 4/15/99, 1 page
MD	"GIF Image 1203x697 pixels", visited at http://www.parstek.com/frags.gif on 4/15/99, 1 page
MD	"Screening Cheminformatics Data", visited at http://www.parstek.com/chem/screen.html on 4/15/99, 2 pages
MD	"Variable Transformation", visited at http://www.parstek.com/chem/tx.html on 4/15/99, 1 page
MD	"Visualization of High Dimensional Data", visited at http://www.parstek.com/chem/viz.html on 4/15/99, 3 pages
MD	"Correlating Activities w/Structural Descriptors", visited at http://www.parstek.com/chem/cor.html on 4/15/99, 6 pages
MD	"Cluster Analysis of Cheminformatics Data", visited at http://www.parstek.com/chem/cla.html on 4/15/99, 2 pages



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FOREIGN PATENT DOCUMENTS

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
MD	WO99/27495 ✓	June 3, 1999	PCT	G06T	11/000	
MD	0 717 346 A2 ✓	June 19, 1996	Europe	G06F	3/033	
MD	0 627 692 A1 ✓	July 12, 1994	Europe	G06F	15/403	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MD	Higgins, Desmond G., "Sequence ordinations: a multivariate analysis approach to analyzing large sequence data sets," <u>Comput. Appl. Biosc.</u> , vol. 8, 1992, pp. 15-22

Examiner	<i>Mehrdad Dast</i>	Date Considered	7/23/02
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		
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FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>MD</i>	Bertin, Jacques, <u>Semiology of Graphics</u> , University of Wisconsin Press, 1983; <i>ISBN 0-299-09060-4</i>

Examiner <i>Michael D. Post</i>	Date Considered <i>7/28/02</i>
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
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